

Project Title	Funding	Strategic Plan Objective	Institution
Understanding the genetic basis of autism	\$6,557,422	Q3.L.B	Cold Spring Harbor Laboratory
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	\$3,478,718	Q3.S.H	Boston Medical Center
Gene-environment interactions in an autism birth cohort	\$3,012,046	Q3.L.D	Columbia University
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) Network	\$2,835,202	Q3.L.A	Drexel University
ACE Network: A comprehensive approach to identification of autism susceptibility genes	\$2,631,440	Q3.L.B	University of California, Los Angeles
Whole exome sequencing of Simons Simplex Collection quads	\$2,110,073	Q3.L.B	Yale University
Environment, the perinatal epigenome, and risk for autism and related disorders	\$1,976,271	Q3.S.J	Johns Hopkins University
Whole exome sequencing of Simons Simplex Collection quads	\$1,835,440	Q3.L.B	University of Washington
Autism risk, prenatal environmental exposures, and pathophysiologic markers	\$1,815,424	Q3.S.C	University of California, Davis
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,520,000	Q3.L.D	Johns Hopkins University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$1,451,838	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$1,110,000	Q3.L.D	Colorado Department of Health and Environment
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,020,001	Q3.L.D	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$1,020,000	Q3.L.D	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$1,020,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
ACE Network: Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network	\$1,000,000	Q3.L.D	Mount Sinai School of Medicine
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$900,000	Q3.L.D	Michigan State University
Autism genetics: Homozygosity mapping and functional validation	\$850,815	Q3.S.A	Boston Children's Hospital
The role of germline mutation and parental age in autism spectrum disorders	\$757,596	Q3.S.C	University of California, San Diego
Population-based autism genetics & environment study	\$723,934	Q3.L.D	Mount Sinai School of Medicine
Illumina, Inc.	\$717,504	Q3.L.B	Illumina, Inc.
RNA expression patterns in autism	\$710,306	Q3.L.B	Boston Children's Hospital
Rapid phenotyping for rare variant discovery in autism	\$700,956	Q3.S.A	University of California, Los Angeles
Next generation gene discovery in familial autism	\$688,392	Q3.L.B	University of Washington

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Epigenetic and transcriptional dysregulation in autism spectrum disorder	\$629,805	Q3.S.J	University of California, Los Angeles
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$618,967	Q3.S.J	Baylor College of Medicine
Prenatal and neonatal biologic markers for autism	\$609,792	Q3.S.C	Kaiser Foundation Research Institute
The roles of environmental risks and GEX in increasing ASD prevalence	\$575,290	Q3.L.D	Yale University
Genetic epidemiology of complex traits	\$559,192	Q3.L.B	National Institutes of Health
Genomic influences on development and outcomes in infants at risk for autism	\$498,341	Q3.L.B	University of Alberta
ACE Network: A comprehensive approach to identification of autism susceptibility genes (supplement)	\$442,627	Q3.L.B	University of California, Los Angeles
Mitochondria and the etiology of autism	\$437,500	Q3.L.B	The Children's Hospital of Philadelphia
A genome-wide search for autism genes in the Simons Simplex Collection	\$415,782	Q3.L.B	Yale University
Molecular analysis of bipolar and schizophrenia candidate genes	\$415,000	Q3.S.J	Albert Einstein College of Medicine of Yeshiva University
Investigation of DUF1220 domains in human brain function and disease	\$376,668	Q3.L.B	University of Colorado Denver
Whole-exome sequencing to identify causative genes for autism	\$350,000	Q3.L.B	University of California, San Diego
Finding recessive genes for autism spectrum disorders	\$349,999	Q3.L.B	Boston Children's Hospital
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	\$346,406	Q3.S.J	University of California, Davis
Novel statistical methods for DNA sequencing data, and applications to autism	\$339,743	Q3.L.B	Columbia University
Cell specific genomic imprinting during cortical development and in mouse models	\$328,975	Q3.S.J	Harvard University
Locus-specific imprinting on the mammalian X chromosome	\$327,994	Q3.S.J	University of Connecticut
ACE Center: Rare variant genetics, contactin-related proteins and autism	\$324,189	Q3.L.B	Yale University
Mechanisms of valproic acid-induced neurodevelopmental and behavioral defects	\$318,513	Q3.S.J	University of Maryland, Baltimore
A genome-wide search for autism genes in the SSC Vanderbilt	\$300,000	Q3.L.B	Vanderbilt University Medical Center
1/3-Sequencing autism spectrum disorder extended pedigrees	\$299,000	Q3.L.B	University of Utah
In vivo function of neuronal activity-induced MeCP2 phosphorylation	\$292,721	Q3.S.J	University of Wisconsin - Madison
Genomic hotspots of autism	\$261,033	Q3.L.B	University of Washington

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FOXP2-regulated signaling pathways critical for higher cognitive functions	\$248,921	Q3.Other	University of Texas Southwestern Medical Center
2/3-Sequencing autism spectrum disorder extended pedigrees	\$231,688	Q3.L.B	University of Washington
Exploring interactions between folate and environmental risk factors for autism	\$208,782	Q3.S.J	University of California, Davis
Integrative genetic analysis of autistic brains	\$200,000	Q3.L.B	Johns Hopkins University School of Medicine
Assisted reproductive technologies and increased autism risk	\$200,000	Q3.L.C	Columbia University
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$196,051	Q3.L.D	Johns Hopkins University
The Charge Study: Childhood Autism Risks from Genetics and the Environment (supplement)	\$188,012	Q3.S.C	University of California, Davis
Gestational exposure questionnaire validation and feasibility study	\$187,864	Q3.S.H	University of California, Davis
Examining the Y-chromosome in autism spectrum disorder	\$175,000	Q3.L.B	The Hospital for Sick Children
3/3-Sequencing autism spectrum disorder extended pedigrees	\$160,000	Q3.L.B	University of Pennsylvania
Prenatal antidepressants and autism spectrum disorder	\$153,000	Q3.L.C	Cincinnati Children's Hospital Medical Center
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$152,545	Q3.L.B	The Pennsylvania State University
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$149,999	Q3.S.E	Kaiser Foundation Research Institute
Genome-wide examination of DNA methylation in autism	\$149,999	Q3.S.J	Johns Hopkins University
Early life environmental exposures and autism in an existing Swedish birth cohort	\$149,995	Q3.S.H	Drexel University
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$147,661	Q3.S.A	University of Alberta
Autism spectrum disorder and autoimmune disease of mothers	\$137,219	Q3.S.E	The Feinstein Institute for Medical Research
Genomic profiling of autism families using whole-genome sequencing	\$129,600	Q3.L.B	Institut Pasteur
Prenatal and neonatal biologic markers for autism (supplement)	\$129,464	Q3.S.C	Kaiser Foundation Research Institute
Simons Simplex Collection Site	\$123,678	Q3.L.B	University of Michigan
Modeling gut microbial ecology and metabolism in autism using an innovative ex vivo approach	\$122,626	Q3.S.I	University of Guelph

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Whole Exome Sequencing of Simons Simplex Trios	\$114,106	Q3.L.B	Yale University
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$102,717	Q3.S.C	University of Southern California
Regulation of gene expression in ASD through a novel polycomb complex	\$100,855	Q3.S.J	New York University School of Medicine
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$100,000	Q3.S.B	University of Texas Health Science Center at San Antonio
5-hydroxymethylcytosine-mediated epigenetic regulation in autism	\$100,000	Q3.S.J	Emory University
A genome-wide search for autism genes in the SSC UCLA	\$100,000	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection Site	\$96,641	Q3.L.B	Yale University
Complex genetic architecture of chromosomal aberrations in autism	\$92,917	Q3.L.B	Massachusetts General Hospital
Autism, GI symptoms and the enteric microbiota	\$87,642	Q3.S.I	The Research Foundation of the State University of New York at Stony Brook
Hypocholesterolemic autism spectrum disorder	\$84,549	Q3.L.B	National Institutes of Health
Epigenetic DNA modifications in autistic spectrum disorders	\$81,811	Q3.S.J	Johns Hopkins University School of Medicine
UC Davis Center for Children's Environmental Health (CCEH) Bridge	\$75,000	Q3.S.F	University of California, Davis
Simons Simplex Collection Site	\$75,000	Q3.L.B	University of Washington
A genome-wide search for autism genes in the SSC Emory	\$72,524	Q3.L.B	Emory University
Cryptic chromosomal aberrations contributing to autism	\$70,524	Q3.L.B	Massachusetts General Hospital
Multi-registry analyses for iCARE- West Australia	\$69,485	Q3.S.H	University of Western Australia
FOXP2-regulated signaling pathways critical for higher cognitive functions (supplement)	\$66,686	Q3.Other	University of Texas Southwestern Medical Center
The mechanism of mutations in heterochromatin related genes in ASD	\$61,625	Q3.S.J	Hebrew University of Jerusalem
Genome-wide analyses of DNA methylation in autism	\$60,000	Q3.S.J	Massachusetts General Hospital
5-Hydroxymethylcytosine-mediated epigenetic regulation in autism spectrum disorders	\$60,000	Q3.S.J	Emory University
Genetic and environmental interactions leading to autism-like symptoms	\$60,000	Q3.S.K	The Rockefeller University
Autism Genome Project Consortium data reanalysis using computational biostatistics	\$60,000	Q3.L.B	The Rockefeller University
Rapid characterization of balanced genomic rearrangements contributing to autism	\$53,942	Q3.L.B	Massachusetts General Hospital

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Population genetics to improve homozygosity mapping and mapping in admixed groups	\$52,190	Q3.L.B	Harvard Medical School
Simons Simplex Collection Site	\$51,656	Q3.L.B	Boston Children's Hospital
Identifying genetic variants on the Y chromosome of males with autism	\$50,555	Q3.L.B	The Hospital for Sick Children
Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$50,000	Q3.L.B	The Hospital for Sick Children
A genome-wide search for autism genes in the SSC CHB	\$50,000	Q3.L.B	Boston Children's Hospital
A genome-wide search for autism genes in the SSC Brown	\$50,000	Q3.L.B	Brown University
A genome-wide search for autism genes in the SSC Pittsburgh	\$50,000	Q3.L.B	University of Pittsburgh
A genome-wide search for autism genes in the SSC UIC	\$48,419	Q3.L.B	University of Illinois at Chicago
Paternal age and epigenetic mechanisms in psychiatric disease	\$45,000	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
Simons Simplex Collection Site	\$44,598	Q3.L.B	The Research Institute of the McGill University Health Centre
Evaluating epidemiological and biostatistical challenges in the EARLI investigation	\$40,000	Q3.L.A	Drexel University
Simons Simplex Collection support grant	\$34,200	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection support grant	\$30,682	Q3.L.B	Emory University
Simons Simplex Collection support grant	\$30,040	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital
The role of serotonin in social bonding in animal models	\$30,000	Q3.S.K	University of California, Davis
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Vanderbilt University Medical Center
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Boston Children's Hospital
Dissecting expression regulation of an autism GWAS hit	\$30,000	Q3.L.B	University of California, San Francisco
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of Missouri
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Yale University
Simons Simplex Collection support grant	\$29,752	Q3.L.B	University of Washington
Regressive autism as an infectious disease: Role of the home as an environmental factor	\$25,064	Q3.S.I	VA Medical Center, Los Angeles
Project 1: Effect of multi-level environmental exposure on birth outcomes	\$23,798	Q3.S.C	University of California, Berkeley

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A genome-wide search for autism genes in the SSC Baylor	\$20,344	Q3.L.B	Baylor College of Medicine
Elevated urinary P-cresol in small autistic children: Origin and consequences	\$20,000	Q3.S.I	Universita Campus Bio-Medico di Roma
Multi-registry analyses for iCARE - Data Management Core	\$16,907	Q3.S.H	Columbia University
Multi-registry analyses for iCARE - Norway	\$11,462	Q3.S.H	Norwegian Institute of Public Health
Multi-registry analyses for iCARE- Sweden	\$11,462	Q3.S.H	Karolinska Institutet
Autism Genome Project (AGP)	\$10,000	Q3.L.B	Autism Speaks (AS)
Multi-registry analyses for iCARE - Israel	\$8,980	Q3.S.H	The Gertner Institute of Epidemiology and Health Policy Research
Multi-registry analyses for iCARE - Finland	\$6,980	Q3.S.H	Turku University
Multi-registry analyses for iCARE - Denmark	\$4,478	Q3.S.H	Aarhus University
Simons Simplex Collection support grant	\$1,430	Q3.L.B	Columbia University
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$0	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
Genomic influences on development and outcomes in Infants at risk of ASD	\$0	Q3.S.A	University of Alberta
Genome-wide expression profiling data analysis to study autism genetic models	\$0	Q3.S.A	University of California, Los Angeles
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	\$0	Q3.S.C	Yale University
EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis	\$0	Q3.S.C	University of California, Davis
Research project about a potential infectious origin of autism	\$0	Q3.S.E	Institut de Recherche Luc Montagnier
Evaluation of the immune and physiologic response in children with autism following immune challenge	\$0	Q3.S.E	University of California, Davis
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester
Maternal cholesterol and autism	\$0	Q3.S.H	Oregon Health & Science University
Risk factors, comorbid conditions, and epidemiology of autism in children	\$0	Q3.S.H	Henry M. Jackson Foundation
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis
Analysis of the small intestinal microbiome of children with autism	\$0	Q3.S.I	Massachusetts General Hospital
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Johns Hopkins University

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Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Kennedy Krieger Institute
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	\$0	Q3.S.J	King's College London
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	\$0	Q3.S.K	Universita Campus Bio-Medico di Roma
Simons Simplex Collection Site	\$0	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection Site	\$0	Q3.L.B	Emory University
Simons Simplex Collection Site	\$0	Q3.L.B	Vanderbilt University
Autism Genome Project (AGP) Core Consortium	\$0	Q3.L.B	Nationwide Children's Hospital
Genetic basis of autism	\$0	Q3.L.B	Cold Spring Harbor Laboratory
Simons Simplex Collection Site	\$0	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection Site	\$0	Q3.L.B	Baylor College of Medicine
Simons Foundation Simplex Project Collection Site	\$0	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection Site	\$0	Q3.L.B	University of Missouri
Linking autism and congenital cerebellar malformations	\$0	Q3.L.B	University of Chicago
Simons Simplex Collection Site	\$0	Q3.L.B	Columbia University
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	\$0	Q3.L.B	Massachusetts General Hospital and Harvard University
Autism Genome Project (AGP) Core Consortium	\$0	Q3.L.B	University of Pittsburgh
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Massachusetts General Hospital
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh

